Public Health Department,

The Council House,

Malvern

To:

Chairmen and Members of the Malvern Urban and Upton Rural District Councils

Ladies and Gentlemen,

I have the honour to present a report on the movement of persons into and out of the districts during the period 1951 - 1961.

Population Movement 1951 - 1961 - Malvern Urban and Upton Rural Districts

For some years it has been felt that more should be known of how the population of the districts has altered when compared with alterations in the population of England and Wales as a whole. In particular, I have tried to estimate the movement into and out of the districts by age groups in the hope that the information obtained will enable a better forecast to be made of population trends.

Persons born in the five years prior to the end of April, 1951 will have reached an age of 10 - 14 in the year 1961. If, therefore, we compare the population of England and Wales aged 0 - 4 in 1951 and 10 - 14 in 1961 we shall obtain a ratio which will enable us to deduce from the 0 - 4 age group in Malvern or in Upton the size of the 10 - 14 age group. Any difference between this and the actual figure represents a variation from national experience, presumably largely due to migration into and out of the district. So far as the national figures are concerned, I must draw your attention to the seemingly impossible situation where there are 8,000 more children aged 10 - 14 in 1961 than there were children aged 0 - 4 in 1951. This discrepancy is due to immigration into the country from outside. The working details from which my conclusions are drawn are to be found in the appendix. On the basis of this forward look it is not possible to provide a figure of the estimated population in 1961 of the 0 - 9 age group to compare with the actual 0 -9 group given in the Census of 1961.

It should be noted that the Census' figures refer to persons actually present within the district on the nights of the enumeration namely on the nights of the 23/24th April, 1961 and of 8/9th April, 1951. Both Census' dates occur during the school holidays and, therefore, neither resident staff nor children at boarding schools were present at these establishments. The Registrar General's annual estimate of population refers to persons normally resident in the area. Therefore, his estimate is larger than that obtained from the Census' Report. The difference between the two figures in the case of Malvern corresponds almost exactly to the known numbers in boarding schools.

MALVERN

Looking at the tables we find 25 less persons between the ages of 20 and 24 than estimated and that all the other figures show increases. This also suggests that many people migrate to larger towns and centres to get their first job after finishing their education. The greatest increase in population is in the age group from 55 upwards. Increases in the age group from 35 - 55 are probably due to people obtaining new relative senior posts in establishments or offices in Malvern or Worcester. The increase in the size of the age group 65 - 74, when compared with England and Wales, suggests that Malvern is as popular as ever a place to which to retire. In 1961 there were 793 more persons in Malvern over the age of 60 than the estimate shows.

I must also refer you to other information gleaned from the Census report.

The hospital population of Malvern dropped between 1951 and 1961 from 193 to 42. Accommodation for the aged in Nursing Homes or Homes only for the aged increased from 32 in 1951 to 105 in 1961.

The main increase in population does not occur until after the age of 30. It is, therefore unlikely in the future that there will be a large increase in the number of children born in Malvern when compared with the rest of the country. On the other hand, it will be necessary to make provision for a large group of families with more than one child, who have been married five years or more also the need to increase accommodation for the elderly has become a pressing necessity.

UPTON

The difference between the estimated and actual population by age groups in the Upton area shows a very different pattern from the Malvern area. There appears to have been a movement of population out of the district from the age group 15 - 19 right up to the age group 40 - 44. The relatively few fresh people coming into the district in the age group 45 - 49 and 50 - 54 are probably the families of commuters whose work lies in one of the towns; Worcester, Gloucester, Tewkesbury or Ashchurch. The apparent mass exodus occurring in the 25 - 29 age group relates to the closing down of the Blackmore and Merebrook Camps in the year 1960. The greater part of the exodus occurred amongst males and in families living at Blackmore Camp 2 in 1951. The closure of the camps and the disappearance of the troops with their families accounts for more than half of the loss in the age groups 20 - 39.

It will be seen from the tables that during the past three years there has been a large building programme at Upton particularly in the Kempsey and Powick districts and at Ripple. Many of those who have settled in Kempsey, Powick and Callow End in the last four years work in Worcester. The apparent trend to move away from the Rural areas towards dormitory areas is being maintained and it looks as though the depopulation of the countryside is not being matched by the increase in local birth rate or by imigration of families to places further than a few miles from town and/or factories. It remains to be seen what effect the opening of the motorway will have upon the habits of people working in large towns who could use the motorway for getting to their place of work.

H. F. GREEN

Medical Officer of Health

July, 1965

ENGLAND and WALES

Age Group	1951	Age Group	1961	1961/1951 Ratio
0-4	3,717,643	10-14	3,725,164	1.002
5-9	3,161,935	15-19	3,200,660	1.012
10-14	2,811,934	20-24	2,878,289	1.023
15-19	2,704,474	25-29	2,846,161	1.052
20-24	2,927,459	30-34	2,984,315	1.01942
25-29	3,279,883	35-39	3,241,889	0.98841
30-34	3,078,505	40-44	3,036,586	0.98638
35-39	3,323,218	45-49	3,228,753	0.97155
40-44	3,365,206	50-54	3,221,092	0.957175
45-49	3,172,173	55-59	2,927,762	0.922951
50-54	2,824,811	60-64	2,458,078	0.870170
55-59	2,423,005	65-69	1,978,778	0.816656
60-64	2,142,840	70-74	1,541,672	0.719452
65-69	1,829,424	75-79	1,068,932	0.584299
70-74	1,427,837	80-84	605,131	0.423809
75-79	923,690	85-89	237,783	0.257427
80-84	446,053	90-94	55,488	0.12439
85-89	157,690	95+	8,713	0.055253
90-94	34,896			
95+	5,212			

MALVERN URBAN DISTRICT

Age Group	1951	Age Group	Estimate 1961	Actual 1961	Difference
0-4	1834	10-14	1837	2096	+ 259
5-9	1495	15-19	1513	1738	+ 225
10-14	1286	20-24	1315	1290	- 25
15-19	1230	25-29	1294	1334	+ 40
20-24	1341	30-34	1367	1530	+ 163
25-29	1689	35-39	1669	1741	+ 72
30-34	1499	40-44	1479	1555	+ 76
35-39	1519	45-49	1476	1611	+ 135
40-44	1465	50-54	1402	1518	+ 116
45-49	1418	55-59	1309	1437	+ 128
50-54	1251	60-64	1089	1191	+ 102
55-59	1148	65-69	938	1109	+ 171
60-64	1053	70-74	758	967	+ 209
65-69	1016	75-79	594	724	+ 130
70-74	954	80-84	404	482	+ 78
75-79	723	85-89	186	238	+ 52
80-84	366	90-94	46	74	+ 28
85-89	165	95+	9	22	+ 13
90-94	46				
95+	5				

ENGLAND and WALES

Age Group	1951	Age Group	1961	1961/1951 Ratio
0-4	3,717,643	10-14	3,725,164	1.002
5-9	3,161,935	15-19	3,200,660	1.012
10-14	2,811,934	20-24	2,878,289	1.023
15-19	2,704,474	25-29	2,846,161	1.052
20-24	2,927,459	30-34	2,984,315	1.01942
25-29	3,279,883	35-39	3,241,884	0.98841
30-34	3,078,505	40-44	3,036,586	0.98638
35-39	3,323,218	45-49	3,228,753	0.97157
40-44	3,365,206	50-54	3,221,092	0.957175
45-49	3,172,173	55-59	2,927,762	0.92295
50-54	2,824,811	60-64	2,458,078	0.87017
55-59	2,423,005	65-69	1,978,778	0.81666
60-64	2,142,840	70-74	1,541,672	0.719452
65-69	1,829,424	75-79	1,068,932	0.584299
70-74	1,427,837	80-84	605,131	0.423809
75-79	923,690	85-89	237,783	0.25742
80-84	446,053	90-94	55,488	0.124397
85-89	157,690	95+	8,713	0.055253
90-94	34,896			
95+	5,212			

UPTON RURAL DISTRICT

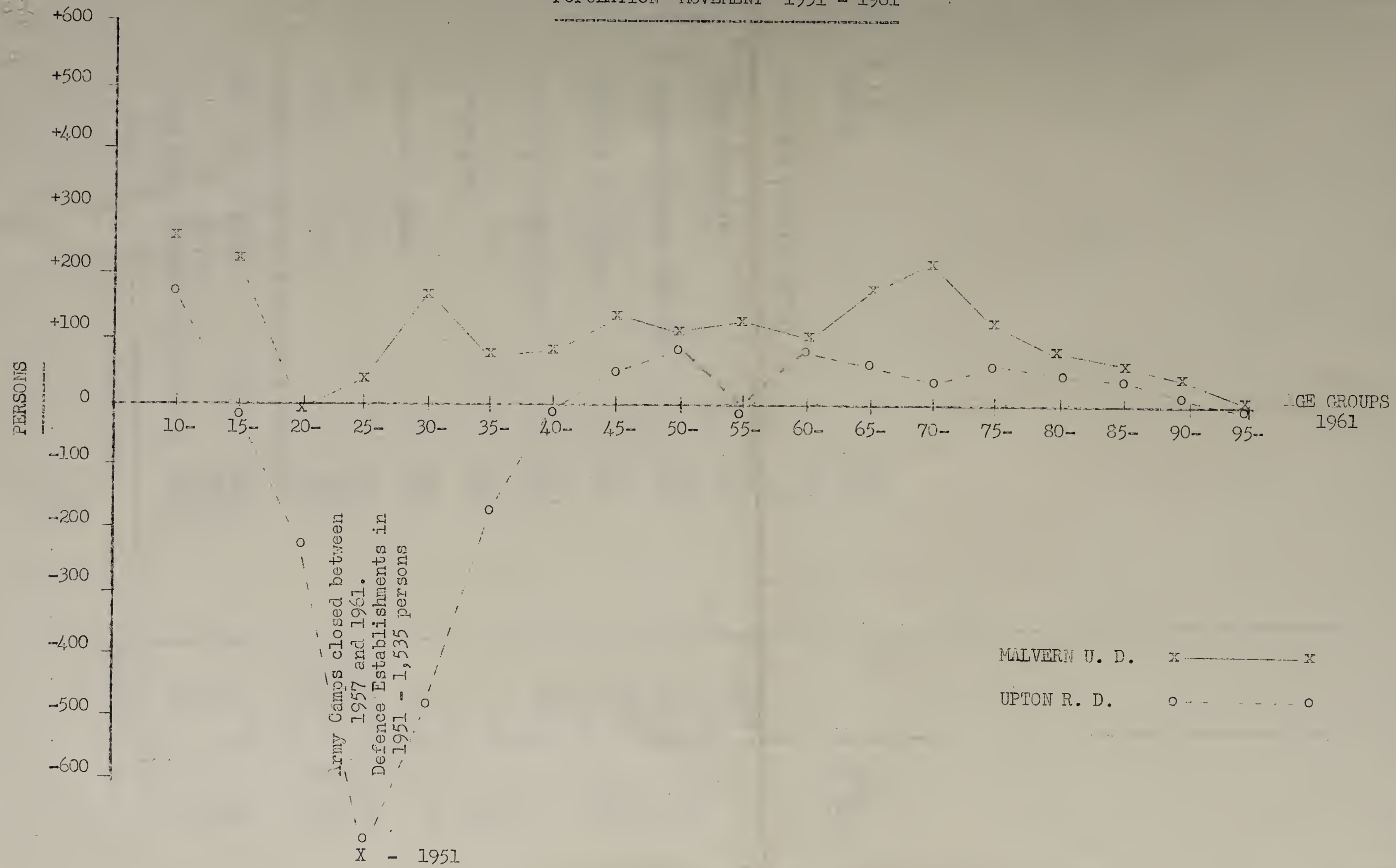
Age Group	1951	Age Group	Estimate 1961	Actual 1961	Difference
0-4	1109	10-14	1111	1280	+169
5-9	964	15-19	976	937	- 39
10-14	913	20-24	934	700	-234
15-19	2553	25-29	2686	735	-1951
20-24	1291	30-34	1316	833	-483
25-29	1067	35-39	1055	895	-160
30-34	901	40-44	889	872	- 17
35-39	961	45-49	934	982	+ 48
40-44	970	50-54	928	1003	+ 75
45-49	985	55-59	909	901	- 8
50-54	911	60-64	793	885	+ 92
55-59	833	65-69	680	755	+ 75
60-64	751	70-74	540	573	+ 33
65-69	703	75-79	411	465	+ 54
70-74	633	80-84	268	311	+ 43
75-79	463	85-89	119	145	+ 26
80-84	223	90-94	28	30	+ 2
85-89	90	95+	5	4	- 1
90-94	20				
95+	2				

UPTON RURAL DISTRICT - MALES

AGE GROUP	1951	AGE GROUP	1961 Estimate	1961 Actual	DIFFERENCE
15-19	1,196	25-29	1,295	375	- 920
20-24	858	30-34	903	427	- 476
25-29	623	35-39	619	457	- 162
30-34	473	40-44	467	435	- 32
35-39	502	45-49	487	485	- 2

BIRTH RATE

YEAR	ENGLAND & WALES	MALVERN	UPTON
1950	15.8	16.3	13.9
1951	15.5	16.7	12.6
1952	15.3	16.3	13.4
1953	15.5	16.1	18.9
1954	15.2	16.1	15.6
1955	15.0	16.1	13.43
1956	15.7	17.6	15.7
1957	16.1	16.8	15.5
1958	16.4	16.2	15.5
1959	16.5	16.2	15.9
1960	17.1	16.2	16.7
1961	17.4	16.5	18.8

		MALVERN	UPTON
Units of accommodation completed in (Housing)	1961	227	64
	1962	168	90
	1963	101	102
	1964	167	84
Registrar General's Estimated Population	1961	26,500	14,020
	1962	27,040	14,320
	1963	27,420	14,370
	1964	28,030	14,490
Children's Homes	1951	55	-
	1961	18	16
Remand Home	1951	-	12
	1961	-	15
Hospital and Sanatorium	1951	193	-
	1961	42	-
Mentally Ill (Powick)	1951	-	1,099
	1961	20	968
Accommodation for the Aged	1951	32	118
	1961	63	161
Other Hospitals	1951	92	-
	1961	57	-
Homes for Disabled (Deaf)	1951	-	-
	1961	6	-
Defence	1951	-	1,535
	1961	-	-

POPULATION MOVEMENT 1951 - 1961